



## Addressing socioeconomic and political challenges posed by climate change

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### Abstract:

NATO Advanced Research Workshop: Climate Change, Human Health and National Security; Dubrovnik, Croatia, 28-30 April 2011; Climate change has been identified as one of the most serious threats to humanity. It not only causes sea level rise, drought, crop failure, vector-borne diseases, extreme events, degradation of water and air quality, heat waves, and other phenomena, but it is also a threat multiplier wherein concatenation of multiple events may lead to frequent human catastrophes and intranational and international conflicts. In particular, urban areas may bear the brunt of climate change because of the amplification of climate effects that cascade down from global to urban scales, but current modeling and downscaling capabilities are unable to predict these effects with confidence. These were the main conclusions of a NATO Advanced Research Workshop (ARW) sponsored by the NATO Science for Peace and Security program. Thirty-two invitees from 17 countries, including leading modelers; natural, political, and social scientists; engineers; politicians; military experts; urban planners; industry analysts; epidemiologists; and health care professionals, parsed the topic on a common platform.

**Source:** <http://dx.doi.org/10.1029/2011eo350006>

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event, Human Conflict/Displacement, Human Conflict/Displacement, Temperature

**Extreme Weather Event:** Drought, Flooding, Hurricanes/Cyclones, Landslides, Wildfires

**Temperature:** Fluctuations

#### Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

#### Geographic Location:

resource focuses on specific location

Global or Unspecified

#### Health Impact:

# Climate Change and Human Health Literature Portal



specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

## **Population of Concern:** A focus of content

## **Population of Concern:**

populations at particular risk or vulnerability to climate change impacts

Low Socioeconomic Status

## **Resource Type:**

format or standard characteristic of resource

Policy/Opinion

## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content